

an optical waveguide component having an auxiliary connection member connected to an end portion of an optical waveguide chip, and

at least one array member for attaching an end of at least one optical fiber to a connection member to be connected to said auxiliary connection member, wherein

said optical waveguide component and said array member are connected to each other via said auxiliary connection member and said connection member,

a presser member is disposed to press at least one of said optical waveguide chip and said optical fiber in a direction of connection, and

an optical waveguide exposed from the end of said optical waveguide chip is in direct contact with a core of said optical fiber exposed from an end of said array member, wherein

said array member allows a region around the core including the core of said optical fiber to project from an end face of said connection member.

---

13. (Amended) An optical waveguide module comprising

an optical waveguide component having an auxiliary connection member connected to an end portion of an optical waveguide chip, and

at least one array member for attaching an end of at least one optical fiber to a connection member to be connected to said auxiliary connection member, wherein

said optical waveguide component and said array member are connected to each other via said auxiliary connection member and said connection member,

a presser member is disposed to press at least one of said optical waveguide chip and said optical fiber in a direction of connection, and

an optical waveguide exposed from the end of said optical waveguide chip is in direct contact with a core of said optical fiber exposed from an end of said array member, wherein

said optical waveguide component is formed so as to allow a region around said optical waveguide including said optical waveguide to project from the other part.

---

16. (Amended) An optical waveguide module comprising

a first array member with a plurality of optical fibers having ends attached to a first connection member,

a second array member with at least one optical fiber having an end attached to a second connection member, and

an optical waveguide chip having an input and output end face and an optical waveguide for multiplexing a plurality of optical signals having different wavelengths inputted from a plurality of input ports to output a resulting optical signal from at least one output port,

said optical waveguide module wherein

said first array member is bonded with an adhesive to said input end face of said optical waveguide chip,

an auxiliary connection member is attached to an output end portion of said optical waveguide chip,

said second connection member is connected to said auxiliary connection member,

said second array member is coupled to said output end face of said optical waveguide chip via said second connection member and said auxiliary connection member,

a presser member for pressing said auxiliary connection member and said second array member in a direction of connection is disposed across said auxiliary connection member and said second array member, and

a core of said optical waveguide exposed from said output end face of said optical waveguide chip is in direct contact with a core of said optical fiber exposed from an end of said second array member.

Please add new Claim 20 as follows: